## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(("5105376") or ("5497154")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/13 15:07
<b>S</b> 2	8	"2783374"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 15:08
S3	1	(10/574291).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/13 15:23
S4	61	hode.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 15:43
<b>S</b> 5	8	S4 and (noise histogram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 15:44
<b>S</b> 6	161	dither\$3 SAME histogram\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 15:48
<b>S</b> 7	80	S6 AND noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 15:49

<b>S8</b>	17	("20040239540"   "20050007267"   "20050128111"   "20060164276"   "5057840"   "5073777"   "5530442"   "6351229"   "6473019"   "6710729"   "6744392"   "6825784"   "6992606"   "7002497"   "7116260"   "7212142"   "7224304").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/13 16:17
S9	9775	(generat\$3 with (noise dither\$3)) SAME (sequence\$1 subsequence\$1 sub- sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:24
S10	443	S9 AND histogram\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:25
S11	5655	S9 AND random	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:26
S12	391	S10 AND random\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:27
S13	6625	(generat\$3 near5 (noise dither\$3)) SAME (sequence\$1 subsequence\$1 sub- sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:28
S14	2143	S13 SAME (histogram \$1 random\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:28

S15	2143	(generat\$3 near5 (noise dither\$3)) SAME (sequence\$1 subsequence\$1 sub- sequence\$1) SAME (histogram\$1 random \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:29
S16	48	(generat\$3 near5 (noise dither\$3)) SAME (sequence\$1 subsequence\$1 sub- sequence\$1) SAME (histogram\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:29
S17	13	("3877022"   "5483238"   "5818372"   "5889482"   "5990815"   "5999114"   "6070178"   "6247033").PN. OR ("6337643").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/13 16:33
S18	17	("20020120457"   "20020136417"   "20030179831"   "5073777"   "5463689"   "6091350"   "6191715"   "6291924"   "6337643"   "6744392").PN. OR ("6809669").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/13 16:38
S19	6	("6023191"   "6075474"   "6137349"   "6262604"   "6307492"   "6337643").PN. OR ("6559712").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/13 16:42
S20	124287	(generat\$3 with (noise dither\$3)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:46
S21	13039	((generat\$3 near5 (noise dither\$3)) SAME (frequenc\$3 histogram \$1 random\$2 sequence \$1)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:47

S22	466	S21 AND ("327" "341" "708").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:48
S23	9735	((generat\$3 near5 (noise dither\$3)) with (frequenc\$3 histogram \$1 random\$2 sequence \$1)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:48
S24	343	\$23 AND ("327" "341" "708").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:48
S25	1366	((generat\$3 ADJ (noise dither\$3)) with (frequenc\$3 histogram \$1 random\$2 sequence \$1)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:55
S26	44	\$25 AND ("327" "341" "708").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/13 16:55
S27	7	("20030023647"   "20030236803"   "20050283507"   "20070043797"   "20070244950"   "20080258825"   "7194496").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/13 16:56
S28	9	("20040095167"   "4173000"   "4296384"   "4516217"   "5696828"   "6516025"   "6691141"   "6732128"   "6756854").PN. OR ("7479837").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/13 17:00
S29	2113	(generat\$3 with (gaussian white color \$2 pink) with (noise dither\$3)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 15:09

S30	36	S29 and (((center central) ADJ frequenc \$3) subsequence\$1 sub-sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 15:10
S31	9528	(generat\$3 with (gaussian white color \$2 pink) with (noise dither\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 15:15
S32	88	S31 SAME (((center central) ADJ frequenc \$3) subsequence\$1 sub-sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 15:15
S33	11	("3619774"   "4539518"   "4539709"   "4901265"   "5014231"   "5515404"   "5557196"   "5742208"   "5754437"   "5835501"   "6854068").PN. OR ("7206339").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/14 15:23
S34	365	"15066"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 15:59
S35	8	S34 AND (DITHER HISTOGRAM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/14 16:01
S36	4	(("6067359") or ("4213101") or ("6201870") or ("5153532")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/15 11:03
<b>S</b> 37	38	pseudorandom with sequence\$1 with interleav\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/15 12:41

S38	661	\$7random with sequence\$1 with interleav\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/15 12:52
<b>S39</b>	429	\$7random near3 sequence\$1 with interleav\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/15 12:52
S40	429	(\$7random near3 sequence\$1) with interleav\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/15 12:53
S41	26	S40 AND ("327" "341" "708").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/15 12:53
S42	27	(US-20040095167-\$ or US-20090121749-\$). did. or (US-7471223-\$ or US-6337643-\$ or US-6809669-\$ or US-559712-\$ or US-5497154-\$ or US-5105376-\$ or US-729417-\$ or US-7224305-\$ or US-6247033-\$ or US-6247033-\$ or US-5999114-\$ or US-5990815-\$ or US-5889482-\$ or US-5818372-\$ or US-5483238-\$ or US-5483238-\$ or US-5483238-\$ or US-5153532-\$ or US-5153532-\$ or US-509576-\$).did. or (EP-509576-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2010/09/15

S43	8	S42 and uniform\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/15 14:02
S46	8	"2783374"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/16 12:46
S47	27	(US-20040095167-\$ or US-20090121749-\$). did. or (US-7471223-\$ or US-6337643-\$ or US-6809669-\$ or US-6559712-\$ or US-5073777-\$ or US-5497154-\$ or US-5105376-\$ or US-7729417-\$ or US-7729417-\$ or US-7729417-\$ or US-6247033-\$ or US-6247033-\$ or US-5999114-\$ or US-5990815-\$ or US-5889482-\$ or US-5818372-\$ or US-5483238-\$ or US-3877022-\$ or US-7194496-\$ or US-6201870-\$ or US-6201870-\$ or US-6153532-\$ or US-6067359-\$).did. or (EP-509576-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2010/09/16
S48	11	S47 and sigma\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/16 18:12
S49	1	("4914439").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/16 18:49
S50	1	("5889482").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/17 13:49
S51	29	("4968987"   "5144308"   "5323157"   "5483238").PN. OR ("5889482").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/17 13:50

## **EAST Search History (Interference)**

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